

GENERAL NOTES

1. ALL STREET LAMPS SHALL BE HIGH PRESSURE SODIUM, AND ALL PARKING AREA LAMPS SHALL BE METAL HALIDE UNLESS OTHERWISE NOTED.

2. OPERATING VOLTAGE SHALL BE 208 VOLTS.

3. BALLAST TYPE SHALL BE AS SPECIFIED IN LUMINAIRE SCHEDULE AND ON LUMINAIRE DETAIL SHEETS.

4. REFRACTORS SHALL BE PRESSED PRISMATIC BOROSILICATE GLASS.

5. ALL FUSES AND FUSEHOLDERS SHALL BE IN-LINE TYPE AND WATERPROOF.

6. CONDUIT ACCESSORIES, SUCH AS EXPANSION JOINTS, CONDULETS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.

7. THE CONTRACTOR SHALL INSTALL A NYLON PULL CORD OR GALVANIZED PULL WIRE IN EACH EMPTY CONTUIT. THE COST OF THIS ITEM WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONDUIT.

8. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER PHOTOMETRIC DATA AND DESIGN CALCULATIONS FOR THE PROPOSED LUMINAIRES TO VERIFY THE LIGHTING DESIGN CRITERIA. THE CONTRACTOR SHALL FURNISH TO THE LIGHTING DESIGNER THE APPROPRIATE .IES FILE(S) FOR EACH FIXTURE SUBMITTED.

9. THE CONTRACTOR SHALL BEWARE OF OVERHEAD POWER LINES AND LOCATE TOWERS AND/OR STANDARDS SUCH THAT THEY WILL HAVE TEN FEET MINIMUM CLEARANCE FROM DISTRIBUTION LINES OR 20 FEET MINIMUM CLEARANCE FROM TRANSMISSION LINES.

10. LUMINAIRE SPECIFICATIONS:

A. THE REFLECTOR SHALL CONSIST OF HIGH PURITY ALUMINUM. LENS SHALL BE FULLY TEMPERED GLASS. THE REFLECTOR AND LENS OPTICAL ASSEMBLY SHALL BE DESIGNED TO PROVIDE THE IES PATTERN SPECIFIED. THE SOCKET SHALL BE PULSE RATED AND SHALL PREVENT UNDUE LAMP VIBRATION AND BACKOUT.

B. THE BALLAST SHALL BE HIGH POWER FACTOR TYPE AS SPECIFIED. IT SHALL RELIABLY START THE LAMP IN AMBIENT TEMPERATURES TO MINUS 40 DEG. F. THE PLUG-IN STARTER SHALL BE TOTALLY ENCAPSULATED WITH A MATERIAL THAT ELECTRICALLY AND THERMALLY INSULATES ALL COMPONENTS FROM LAMP AND BALLAST HEAT. A PROTECTED STARTER SHALL BE PROVIDED TO SENSE AN INOPERATIVE LAMP AND SHUT DOWN AUTOMATICALLY TO PREVENT CONTINUOUS PULSING AND THERMAL DAMAGE TO ITSELF AND THE BALLAST SECONDARY WINDINGS. THE LUMINAIRE SHALL BE UL/CUL LISTED FOR 40 DEG. C AMBIENT.

C. ALL BALLAST COMPONENTS SHALL BE MADE ACCESSIBLE FOR FAST, TOOL-FREE REMOVAL AND REPLACEMENT.

D. ANSI LAMP LABEL: A SELF-ADHESIVE LABEL SHALL BE PROVIDED WHICH IDENTIFIES THE LAMP TYPE AND SIZE. IT SHALL MEET ANSI C-136 STANDARDS.

E. MECHANICAL CONSTRUCTION: THE HOUSING, DOOR AND FITTER SHALL BE DIE CAST ALUMINUM. THE FINISH SHALL BE CORROSION RESISTANT AND IMPACT RESISTANT. FINISH COLOR SHALL BE BLACK OR GREY. ALL EXTERNAL HARDWARE SHALL BE CORROSION RESISTANT. HOUSING ACCESS SHALL NOT REQUIRE TOOLS. THE FITTER SHALL BE BUILT-IN AND ACCOMMODATE A STANDARD 2 INCH TENON OR ARM. A TERMINAL BLOCK LOCATED INSIDE THE FITTER SHALL BE PROVIDED.

F. WARRANTY: THE ELECTRICAL ASSEMBLY SHALL BE FULLY-WARRANTED FOR A PERIOD OF 5 YEARS AND THE HOUSING FOR A PERIOD OF 2 YEARS FROM THE DATE OF INSTALLATION ACCEPTANCE.

11. THE CONTRACTOR SHALL COORDINATE THE MODIFICATION WORK AT EACH SERVICE POINT WITH GEORGIA POWER COMPANY. CONTACT LEE WELCH, ATLANTA, GEORGIA, (404) 506-4558.

12. RIGID CONDUIT, INSTALLED ON STRUCTURES, SHALL BE SUPPORTED AT LEAST EVERY TEN FEET AND WITHIN THREE FEET OF JUNCTION BOXES, LUMINAIRES, ETC.

13. THE LIGHTING CONTRACTOR SHALL COORDINATE ALL WORK WITH GENERAL CONTRACTOR.

14. THE LIGHTING CONTRACTOR SHALL FURNISH A ONE YEAR WRITTEN WARRANTY FOR PARTS AND DEFECTIVE WORKMANSHIP ON THE LUMINAIRES, POLES, LIGHTING CONTROL PANEL AND ALL THE OTHER ELECTRICAL EQUIPMENT.

15. THE COST FOR ANY DEMOLITION OR REMOVAL OF EXISTING LIGHTING FACILITIES SHALL BE INCLUDED IN THE OVERALL PRICE BID. NO OTHER PAYMENTS SHALL BE MADE FOR REMOVAL OF FACILITIES. COORDINATE WITH THE CITY OF ATLANTA FOR RETURN OF SALVAGABLE EQUIPMENT. EQUIPMENT THAT IS TO BE REMOVED FROM THE JOB SITE AND NOT RETURNED TO THE OWNER SHALL BE DISPOSED OF BY THE CONTRACTOR. NO ADDITIONAL PAYMENT FOR DISPOSAL SHALL BE MADE.
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- G R E S H A M
S M I T H A N D
P A R T N E R S
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- Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
- NOT TO SCALE
- REVISION DATES
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- STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: URBAN DESIGN
- LIGHTING PLANS
GENERAL NOTES
- SPRING STREET
VIADUCT OVER CSX
- DRAWING No.
25-002